

4.2.K. 06010208110.

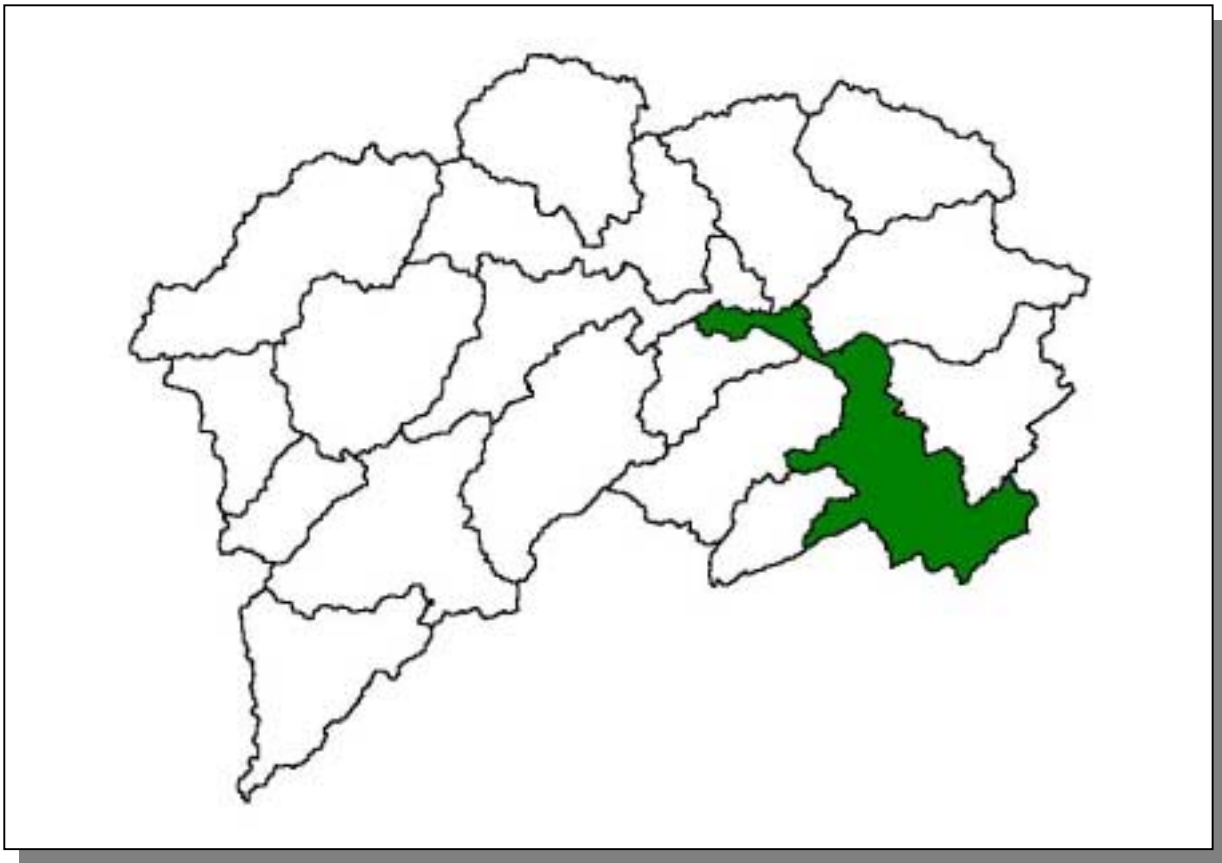


Figure 4-56. Location of Subwatershed 06010208110. All Emory HUC-14 subwatershed boundaries are shown for reference.

4.2.K.i. General Description.

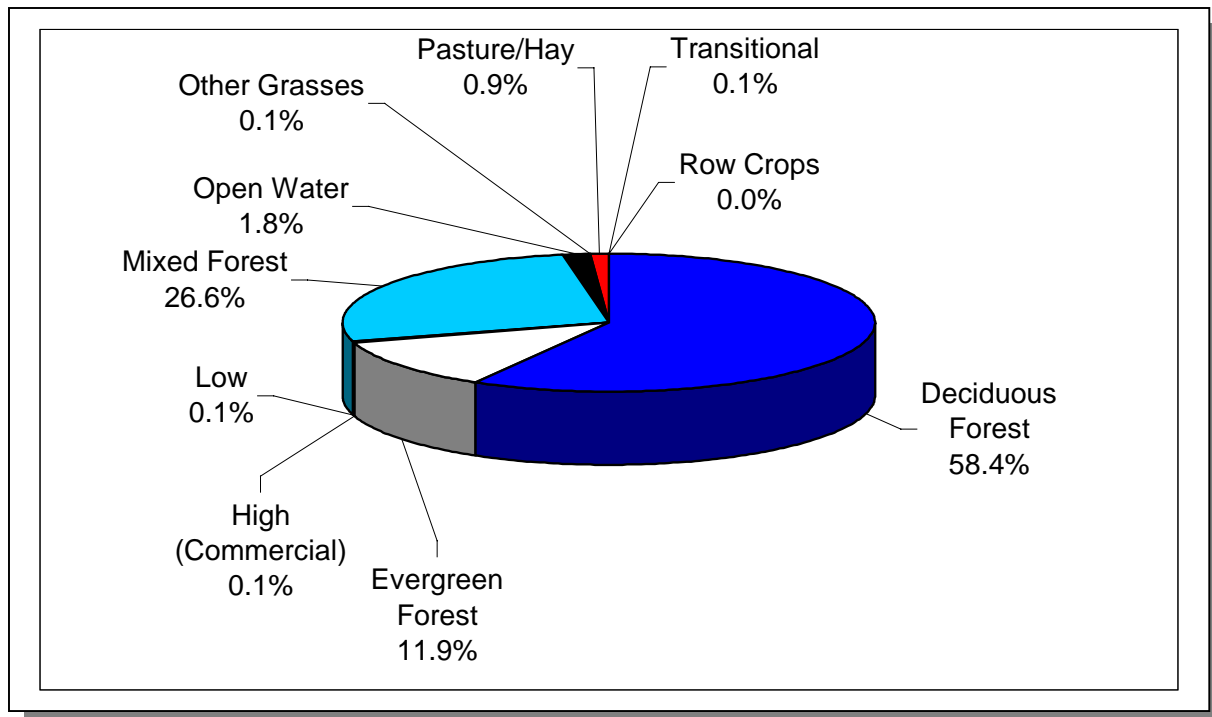


Figure 4-57. Land Use Distribution in Subwatershed 06010208110. More information is provided in Emory-Appendix IV.

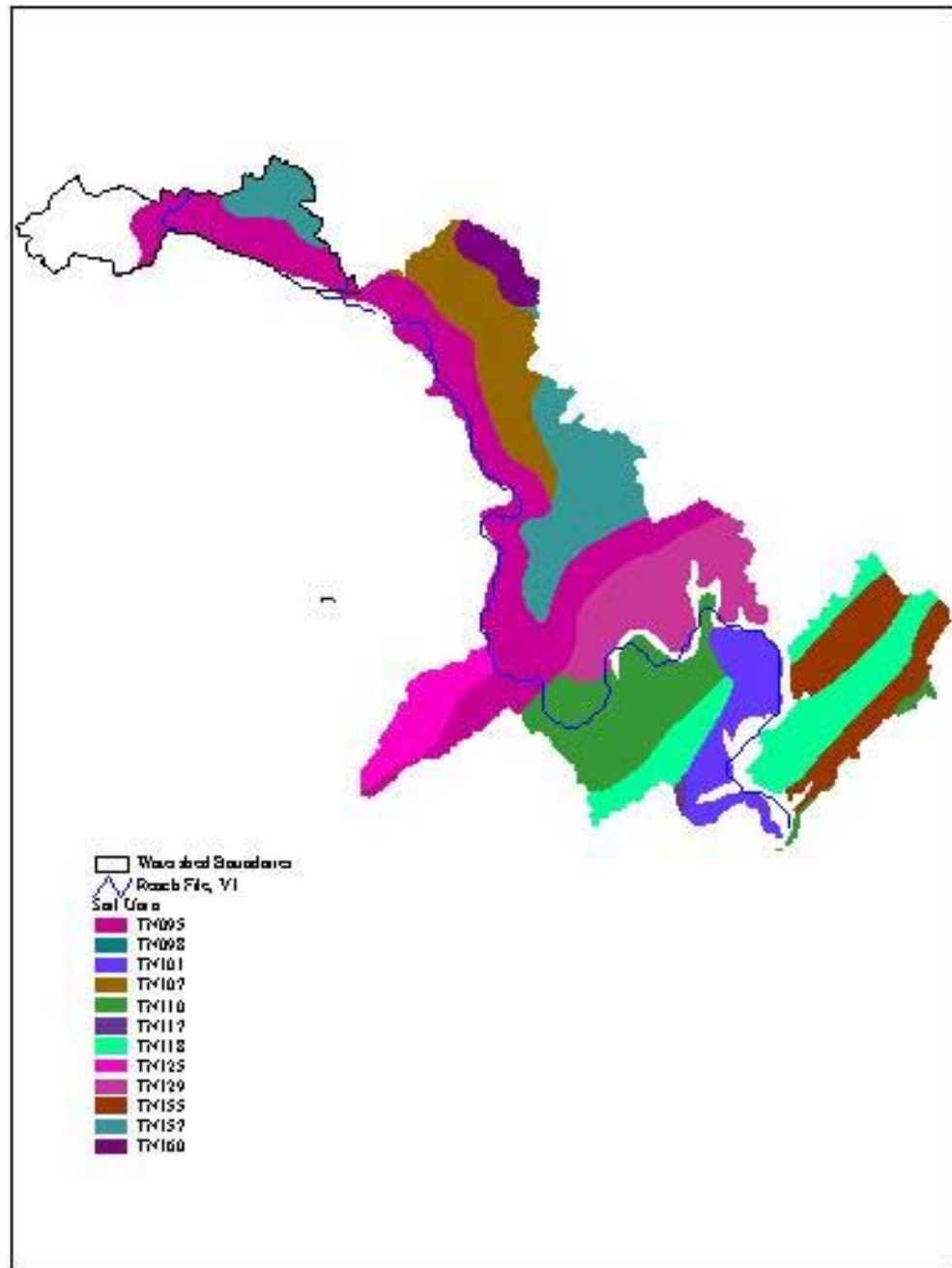


Figure 4-58. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208110.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32
TN101	0.00	B	1.71	5.39	Loam	0.35
TN107	1.00	C	6.34	4.84	Loam	0.28
TN110	0.00	B	2.22	4.96	Loam	0.31
TN117	1.00	C	2.06	5.16	Loam	0.37
TN118	0.00	C	6.52	5.12	Loam	0.29
TN125	0.00	C	8.50	5.00	Sandy Loam	0.20
TN129	0.00	B	2.65	5.24	Loam	0.26
TN155	0.00	C	1.71	5.31	Loam	0.32
TN157	0.00	B	2.38	4.62	Loam	0.28
TN160	0.00	B	2.69	5.36	Loam	0.25

Table 4-61. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208110. More information is provided in Emory-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Morgan	17,300	18,521	6.00	1,039	1,112	7.0
Roane	47,227	49,885	8.35	3,943	4,165	5.6
Totals	64,527	68,406		4,982	5,277	5.9

Table 4-62. Population Estimates in Subwatershed 06010208110.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Harriman	Roane	7,119	3,234	2,776	445	13
Oakdale	Morgan	248	128	12	116	0
Total		7,367	3,362	2,788	561	13

Table 4-63. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010208110.



Figure 4-59. Location of Historical Streamflow Data Collection Sites in Subwatershed 06010208110. More information is provided in Emory-Appendix IV.

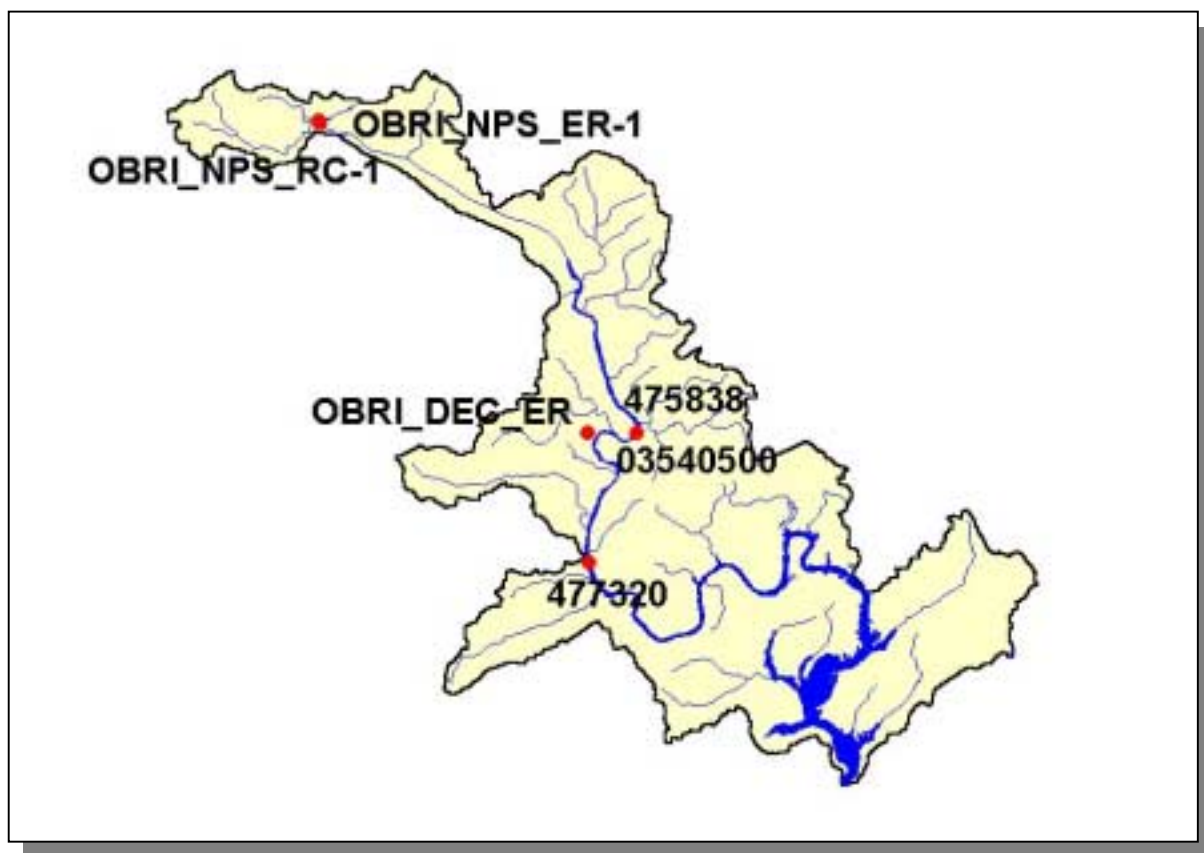


Figure 4-60. Location of STORET Monitoring Sites in Subwatershed 06010208110. More information is provided in Emory-Appendix IV.

4.2.K.ii. Point Source Contributions.



Figure 4-61. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010208110. More information, including the names of facilities, is provided in Emory-Appendix IV.



Figure 4-62. Location of Active Mining Sites in Subwatershed 06010208110. More information, including the names of facilities, is provided in Emory-Appendix IV.

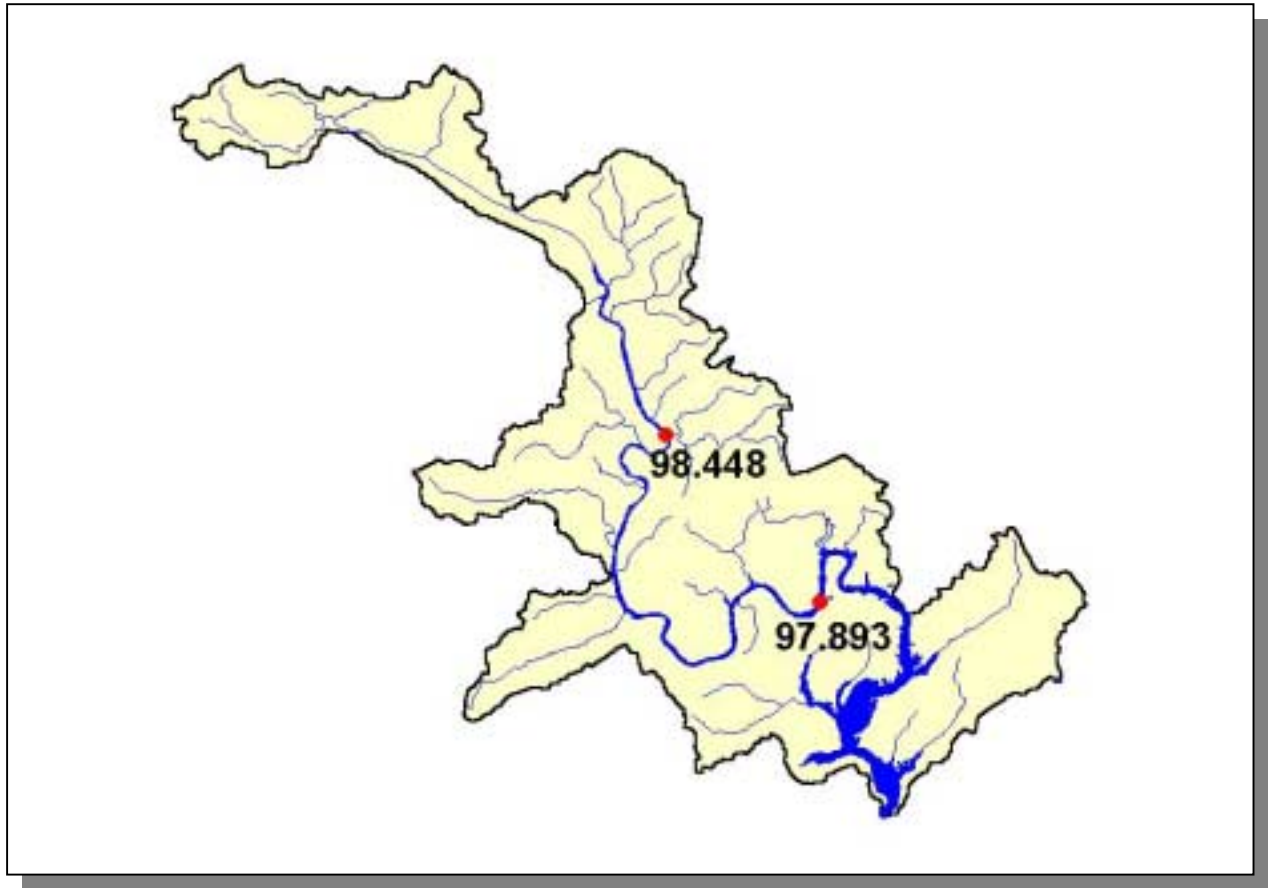


Figure 4-63. Location of ARAP Sites (Individual Permits) in Subwatershed 06010208110.
 More details may be found in Emory-Appendix IV.

4.2.K.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
834	1,599	57	<5	80,127	17	15

Table 4-64. Summary of Livestock Count Estimates in Subwatershed 06010208110.
 According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

	INVENTORY		REMOVAL RATE	
County	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Morgan	287.8	276.2	3.5	10.9
Roane	153.1	153.1	1.7	5.1
Total	440.9	429.3	5.2	16.0

Table 4-65. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010208110.

CROP	TONS/ACRE/YEAR
Grass (Pastureland)	1.44
Grass, Forbs, Legumes (Mixed Pasture)	0.30
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.84
Non Agricultural Land Use	0.00
Corn (Row Crops)	7.18
Grass (Hayland)	0.77
Legume Grass (Hayland)	0.24
Forest Land (Grazed)	0.00
Legume (Pastureland)	0.23

Table 4-66. Annual Estimated Total Soil Loss in Subwatershed 06010208110.